osca

(21)

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        RAW SEQUENCE LISTING                    DATE: 09/08/2003
        PATENT APPLICATION:  US/09/943,944E     TIME: 10:59:18

        Input Set : A:\Har-0651.app
        Output Set: N:\CRF4\09052003\I943944E.raw
```

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 3 <110> APPLICANT: Ptashne, et al.,
 5 <120> TITLE OF INVENTION: Transcriptional Activation System, Activators, and Uses
 6       Therefor
 8 <130> FILE REFERENCE: 0342941-0065
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/943,944E
11 <141> CURRENT FILING DATE: 2001-08-31
13 <160> NUMBER OF SEQ ID NOS: 238
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 11
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
24       sequences.
26 <400> SEQUENCE: 1
27 Trp Thr Asp Gln Thr Ala Tyr Asn Ala Phe Gly
28   1               5                  10
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 18
33 <212> TYPE: DNA
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <222> LOCATION: (9)..(10)
39 <223> OTHER INFORMATION: n = a single nucleotide.
41 <220> FEATURE:
42 <221> NAME/KEY: misc_feature
43 <222> LOCATION: (12)..(13)
44 <223> OTHER INFORMATION: n = a single nucleotide.
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence: Random
48       nucleotide sequences.
50 <400> SEQUENCE: 2
W--> 51 cccctcttnn cnnccctc                                          18
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 18
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Description of Artificial Sequence: Random
61       nucleotide sequences.
63 <400> SEQUENCE: 3
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RAW SEQUENCE LISTING   DATE: 09/08/2003
PATENT APPLICATION: **US/09/943,944E**   TIME: 10:59:18

Input Set : **A:\Har-0651.app**
Output Set: **N:\CRF4\09052003\I943944E.raw**

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 64 attccgccac cgtatttc                                          18
 67 <210> SEQ ID NO: 4
 68 <211> LENGTH: 6
 69 <212> TYPE: PRT
 70 <213> ORGANISM: Artificial Sequence
 72 <220> FEATURE:
 73 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
 74       sequences.
 76 <400> SEQUENCE: 4
 77 Ile Pro Pro Pro Tyr Phe
 78   1               5
 81 <210> SEQ ID NO: 5
 82 <211> LENGTH: 18
 83 <212> TYPE: DNA
 84 <213> ORGANISM: Artificial Sequence
 86 <220> FEATURE:
 87 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
 88       nucleotide sequences.
 90 <400> SEQUENCE: 5
 91 ctgcccgggt ctttcttc                                          18
 94 <210> SEQ ID NO: 6
 95 <211> LENGTH: 6
 96 <212> TYPE: PRT
 97 <213> ORGANISM: Artificial Sequence
 99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
101        sequences.
103 <400> SEQUENCE: 6
104 Leu Pro Gly Cys Phe Phe
105   1               5
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 18
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
115        nucleotide sequences.
117 <400> SEQUENCE: 7
118 cagctccccc cctggtta                                          18
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 6
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
128        sequences.
130 <400> SEQUENCE: 8
131 Gln Leu Pro Pro Trp Leu
132   1               5
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PATENT APPLICATION: **US/09/943,944E**   TIME: 10:59:18

Input Set : **A:\Har-0651.app**
Output Set: **N:\CRF4\09052003\I943944E.raw**

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135 <210> SEQ ID NO: 9
136 <211> LENGTH: 18
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
142       nucleotide sequences.
144 <400> SEQUENCE: 9
145 tactggccct cccccttc                                              18
148 <210> SEQ ID NO: 10
149 <211> LENGTH: 6
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
155       sequences.
157 <400> SEQUENCE: 10
158 Tyr Trp Pro Ser Pro Phe
159   1               5
162 <210> SEQ ID NO: 11
163 <211> LENGTH: 18
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
169       nucleotide sequences.
171 <400> SEQUENCE: 11
172 gagttcccct atgacttg                                              18
175 <210> SEQ ID NO: 12
176 <211> LENGTH: 6
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
182       nucleotide sequences.
184 <400> SEQUENCE: 12
185 Glu Phe Pro Tyr Asp Leu
186   1               5
189 <210> SEQ ID NO: 13
190 <211> LENGTH: 18
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
196       sequences.
198 <400> SEQUENCE: 13
199 accgccgaat tcccccttc                                             18
202 <210> SEQ ID NO: 14
203 <211> LENGTH: 6
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RAW SEQUENCE LISTING   DATE: 09/08/2003
PATENT APPLICATION: **US/09/943,944E**   TIME: 10:59:18

Input Set : **A:\Har-0651.app**
Output Set: **N:\CRF4\09052003\I943944E.raw**

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204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
209       sequences.
211 <400> SEQUENCE: 14
212 Thr Ala Glu Phe Pro Leu
213   1               5
216 <210> SEQ ID NO: 15
217 <211> LENGTH: 18
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
223       nucleotide sequences.
225 <400> SEQUENCE: 15
226 caatttctag acgcactt                                              18
229 <210> SEQ ID NO: 16
230 <211> LENGTH: 6
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
236       sequences.
238 <400> SEQUENCE: 16
239 Gln Phe Leu Asp Ala Leu
240   1               5
243 <210> SEQ ID NO: 17
244 <211> LENGTH: 18
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
250       nucleotide sequences.
252 <400> SEQUENCE: 17
253 acattccctg accccttc                                             18
256 <210> SEQ ID NO: 18
257 <211> LENGTH: 6
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
263       sequences.
265 <400> SEQUENCE: 18
266 Thr Phe Pro Asp Pro Phe
267   1               5
270 <210> SEQ ID NO: 19
271 <211> LENGTH: 18
272 <212> TYPE: DNA
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RAW SEQUENCE LISTING   DATE: 09/08/2003
PATENT APPLICATION: US/09/943,944E   TIME: 10:59:18

Input Set : A:\Har-0651.app
Output Set: N:\CRF4\09052003\I943944E.raw

273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <221> NAME/KEY: misc_feature
277 <222> LOCATION: (10)
278 <223> OTHER INFORMATION: n = a single nucleotide.
280 <220> FEATURE:
281 <221> NAME/KEY: misc_feature
282 <222> LOCATION: (12)
283 <223> OTHER INFORMATION: n = a single nucleotide.
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
287   nucleotide sequences.
289 <400> SEQUENCE: 19
W--> 290 atcggcccan cncttttc   18
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 18
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
300   nucleotide sequences.
302 <400> SEQUENCE: 20
303 ttggattttt cctacgtc   18
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 6
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
313   sequences.
315 <400> SEQUENCE: 21
316 Leu Asp Phe Ser Tyr Val
317   1   5
320 <210> SEQ ID NO: 22
321 <211> LENGTH: 18
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
327   nucleotide sequences.
329 <400> SEQUENCE: 22
330 cccccaccac cctggccc   18
333 <210> SEQ ID NO: 23
334 <211> LENGTH: 6
335 <212> TYPE: PRT
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
340   sequences.

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/08/2003
PATENT APPLICATION: US/09/943,944E   TIME: 10:59:19

Input Set : A:\Har-0651.app
Output Set: N:\CRF4\09052003\I943944E.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 9,10,12,13
Seq#:19; N Pos. 10,12
Seq#:112; N Pos. 12
Seq#:116; N Pos. 1,2,3,11,12,14
Seq#:117; N Pos. 9
Seq#:204; N Pos. 3,18
Seq#:222; N Pos. 10

VERIFICATION SUMMARY   DATE: 09/08/2003
PATENT APPLICATION: **US/09/943,944E**   TIME: 10:59:19

Input Set : **A:\Har-0651.app**
Output Set: **N:\CRF4\09052003\I943944E.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:1549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:0
L:1618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:0
L:1636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0
L:2821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204 after pos.:0
L:3069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0